

AS/NZS 3679.1:2016

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Australian/New Zealand Standard™

Structural steel

Part 1: Hot-rolled bars and sections



AS/NZS 3679.1:2016

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The following are represented on Committee BD-023:

Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Steel Association
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Business New Zealand
New Zealand Heavy Engineering Research Association
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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee BD-023, Structural Steel, to supersede AS/NZS 3679.1:2010.

The objective of this Standard is to specify requirements for manufacturers and suppliers of hot-rolled structural steel bars and sections for general structural and engineering applications.

This edition includes the following major changes from the previous edition:

- (a) Requirements for type testing, and minimum production testing and inspections, have been included in the normative appendix on product conformity.
- (b) Test certificates are required to be available for all products produced to this Standard.
- (c) Labelling requirements have been added to enable products compliant with this Standard to be traceable back to its corresponding test certificate.
- (d) The prescriptive requirement of a rolled in mark on hot rolled sections greater than 150 mm has been replaced by a performance based requirement that provides the same level of permanency in identification.
- (e) Definitions, clause numbering and layout across the four steel product Standards AS/NZS 1163, AS/NZS 3678, AS/NZS 3679.1 and AS/NZS 3679.2 are consistent wherever practicable.

A statement expressed in mandatory terms in a note to a table is deemed to be a requirement of this Standard.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

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